

Appendix 1: Authors & contributors

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Appendix 2: Overview of search terms with results numbers in Scopus

Overview of results numbers within the Elsevier Scopus Database

Search string	Scopus result numbers
interventions and "returning to work"	532 results
"Work and Health Coaching"	0
coaching and "return to work"	54
interventions and "return to work"	3955
interventions and "return to work" limit to last 10 years	2445
interventions and "return to work" limit to last 10 years, reviews only	419
interventions and "return to work" limit to last 10 years, reviews only, search within results: mental health	195
interventions and "return to work" limit to last 10 years, reviews only, search within results: musculoskeletal	184
"vocational intervention*" (AB) and "return to work" (AB)	42
"health coaching" and "return to work"	2
rehabilitation and "return to work"	5547
rehabilitation and "return to work", limited to last 10 years	2918
rehabilitation and "return to work", limited to last 10 years, reviews only	403
rehabilitation and "return to work", limited to last 10 years, reviews only, search within results: Mental health	129
rehabilitation and "return to work", limited to last 10 years, reviews only, search within results: musculoskeletal	172
community and "return to work"	886
"community support" and "return to work"	16
"peer support" and "return to work"	51
"wellbeing" or "well-being" and "return to work"	723
"wellbeing" or "well-being" and "return to work" limited to last 10 years,	531
"wellbeing" or "well-being" and "return to work" limited to last 10 years, reviews only	78
"motivational interview*" and "return to work"	40
behavioural or behav* and "return to work"	2161
behavioural or behav* and "return to work" Limited to last 10 years	1160
behavioural or behav* and "return to work" Limited to last 10 years, reviews only	165
"social prescrib*" and "return to work"	30

Search string	Scopus result numbers
physical and "return to work"	3866
Fitness and "return to work"	284
"low intensity" and "return to work"	39
Walking and "return to work"	320
counseling and "return to work"	528
counselling and "return to work"	528
mentor* and "return to work"	58
lifestyle and "return to work"	296
"lifestyle intervent*" and "return to work"	14
confidence and "return to work"	1032
confidence and "return to work" limit to last 10 years	679
confidence and "return to work" limit to last 10 years, reviews only	122
confidence and "return to work" limit to last 10 years, reviews only search within results "mental health"	30
confidence and "return to work" limit to last 10 years, reviews only search within results: musculoskeletal	58
skills and "return to work"	571
upskilling and "return to work"	5
Advice and "return to work"	326
Support and "return to work"	3660
"personalised plan*" and "return to work"	0
"mental health co-ordinator" and "return to work"	0
"emotional well-being" or "emotional wellbeing" and "return to work"	43
"GP link worker" and "return to work"	0
"mental health practi*" and "return to work"	4
"Employability lead*" and "return to work"	0
"community connector*" and "return to work"	0
"employment support worker" and "return to work"	0
"social prescrib*" and "return to work"	1
"Individual Placement and Support for Mood and Anxiety Disorders" and "return to work"	3
"Individual placement and support" (IPS model) and return to work	42
"Individual placement and support" and "return to work" and "primary care"	1
"individual placement and support in primary care" (IPSPC) and "return to work"	0
Supported Employment Quality Framework (SEQF) and "return to work"	0
"not in education, employment or training" (NEET) and "return to work"	2
volunteering and "return to work"	11
an Integrated Intervention and "return to work"	2
"early intervention vocational rehabilitation" and "return to work"	11
"Acceptance and Commitment Therapy" and "return to work"	39
"ARRS roles" and "return to work"	0
"clinical pharmacist" and "return to work"	0
"Social prescribing link worker" and "return to work"	0

Search string	Scopus result numbers
"Health and wellbeing coach" and "return to work"	0
"Care co-ordinator" and "return to work"	0
"First contact physiotherapist" and "return to work"	0
"Paramedic" and "return to work"	9
"Occupational therapist" and "return to work"	245
"Occupational therapist" and "return to work" last 5 years	104
"Occupational therapist" and "return to work" last 5 years reviews only	13
"podiatrist" and "return to work"	4
"Dietician" and "return to work"	11
"Nursing associate" and "return to work"	0
"Trainee nursing associate" and "return to work"	0
"Adult mental health practitioner" and "return to work"	0
"Children and young people's mental health practitioner" and "return to work"	0
"Physician associate" and "return to work"	0
"General practice assistant" and "return to work"	0
"Digital and transformation lead" and "return to work"	0
"Advanced practitioner" and "return to work"	0
"First contact physiotherapist"	27

References

- Aanesen, F., Berg, R., Løchting, I., Tingulstad, A., Eik, H., Storheim, K., Grotle, M., & Øiestad, B. E. (2021). Motivational Interviewing and Return to Work for People with Musculoskeletal Disorders: A Systematic Mapping Review. *Journal of Occupational Rehabilitation, 31*(1), 63–71. <https://doi.org/10.1007/s10926-020-09892-0>
- Audet, J., & Lecours, A. (2024). Which interventions are used in the rehabilitation, return, and stay at work process of aging workers having suffered an occupational injury? A scoping review. *Work, 79*(1), 135–153. <https://doi.org/10.3233/WOR-230509>
- Barclay, L., Hilton, G., Fossey, E., Ponsford, J., Downing, M., Analytis, P., & Ross, P. (2025). Peer mentor contributions to an early intervention vocational rehabilitation specialist service following trauma: A qualitative study. *Disability and Health Journal, 18*(1), 101680. <https://doi.org/10.1016/j.dhjo.2024.101680>
- Becker, B., & Childress, M. (2019). *Nonspecific Low Back Pain and Return to Work*. American family Physician. <https://www.aafp.org/afp/2007/1115/p1504.html>.
- Bogefeldt, J., Grunnesjö, M. I., Svärdsudd, K., & Blomberg, S. (2008). Sick leave reductions from a comprehensive manual therapy programme for low back pain: The Gotland Low Back Pain Study. *Clinical Rehabilitation, 22*(6), 529–541. <https://doi.org/10.1177/0269215507087294>
- Brämberg, E., Åhsberg, E., Fahlström, G., Furberg, E., Gornitzki, C., Ringborg, A., & Thoursie, P. S. (2024). Effects of work-directed interventions on return-to-work in people on sick-leave for to common mental disorders—A systematic review. *International Archives of Occupational and Environmental Health, 97*(6), 597–619. <https://doi.org/10.1007/s00420-024-02068-w>
- Brinsley, J., Singh, B., & Maher, C. A. (2023). A Digital Lifestyle Program for Psychological Distress, Wellbeing and Return-to-Work: A Proof-of-Concept Study. *Archives of Physical Medicine and Rehabilitation, 104*(11), 1903–1912. <https://doi.org/10.1016/j.apmr.2023.04.023>
- Buresti, G., Rondinone, B. M., Valenti, A., Boccuni, F., Fortuna, G., Iavicoli, S., Cristina Dentici, M., & Persechino, B. (2024). Measures of Work-life Balance and Interventions of Reasonable Accommodations for the Return to Work of Cancer Survivors: A Scoping Review. *Safety and Health at Work, 15*(3), 255–262. <https://doi.org/10.1016/j.shaw.2024.07.001>
- Cashin, A. G., Øiestad, B. E., Aanesen, F., Storheim, K., Tingulstad, A., Rysstad, T. L., Lee, H., McAuley, J. H., Sowden, G., Wynne-Jones, G., Tveter, A. T., & Grotle, M. (2023). Mechanisms of vocational interventions for return to work from musculoskeletal conditions: A mediation analysis of the MI-NAV trial. *Occupational and Environmental Medicine, 80*(5), 246–253. <https://doi.org/10.1136/oemed-2022-108716>

- Dahm, K. T., Brurberg, K. G., Jamtvedt, G., & Hagen, K. B. (2010). Advice to rest in bed versus advice to stay active for acute low-back pain and sciatica. *Cochrane Database of Systematic Reviews*. <https://doi.org/10.1002/14651858.CD007612.pub2>
- De Boer, A. G., Tamminga, S. J., Boschman, J. S., & Hoving, J. L. (2024). Non-medical interventions to enhance return to work for people with cancer. *Cochrane Database of Systematic Reviews*, 2024(3). <https://doi.org/10.1002/14651858.CD007569.pub4>
- De Geus, C. J. C., Huysmans, M. A., Van Rijssen, H. J., De Maaker-Berkhof, M., Schoonmade, L. J., & Anema, J. R. (2025). Elements of Return-to-Work Interventions for Workers on Long-Term Sick Leave: A Systematic Literature Review. *Journal of Occupational Rehabilitation*, 35(2), 159–180. <https://doi.org/10.1007/s10926-024-10203-0>
- Department for Work and Pensions. (2024). *Get Britain Working: White Paper* (CP 1191). <https://www.gov.uk/government/publications/get-britain-working-white-paper>
- Fadyl, J. K., & McPherson, K. M. (2009). Approaches to Vocational Rehabilitation After Traumatic Brain Injury: A Review of the Evidence. *Journal of Head Trauma Rehabilitation*, 24(3), 195–212. <https://doi.org/10.1097/HTR.0b013e3181a0d458>
- Furlan, A. D., Harbin, S., Vieira, F. F., Irvin, E., Severin, C. N., Nowrouzi-Kia, B., Tiong, M., & Adisesh, A. (2022). Primary Care Physicians' Learning Needs in Returning Ill or Injured Workers to Work. A Scoping Review. *Journal of Occupational Rehabilitation*, 32(4), 591–619. <https://doi.org/10.1007/s10926-022-10043-w>
- Grahn, P., Pálsdóttir, A. M., Ottosson, J., & Jonsdottir, I. H. (2017). Longer Nature-Based Rehabilitation May Contribute to a Faster Return to Work in Patients with Reactions to Severe Stress and/or Depression. *International Journal of Environmental Research and Public Health*, 14(11), 1310. <https://doi.org/10.3390/ijerph14111310>
- Gutierrez, N. C., Fullmer, N., Chai, S., & Rosario, E. R. (2025). Return to work post spinal cord injury through a comprehensive rehabilitative program: A case series. *The Journal of Spinal Cord Medicine*, 48(1), 141–147. <https://doi.org/10.1080/10790268.2023.2265099>
- Hamann, J., Lang, A., Riedl, L., Blank, D., Kohl, M., Brucks, A., Goretzko, D., Bühner, M., Waldmann, T., Kilian, R., Falkai, P., Hasan, A., Keck, M. E., Landgrebe, M., Heres, S., & Brieger, P. (2023). Supporting return to work after psychiatric hospitalization—A cluster randomized study (RETURN-study). *European Psychiatry*, 66(1), e9. <https://doi.org/10.1192/j.eurpsy.2022.2357>
- Hamann, J., Lang, A., Riedl, L., & Brieger, P. (2022). Return-to-work interventions for persons/employees with mental illnesses. *Current Opinion in Psychiatry*, 35(4), 293–301. <https://doi.org/10.1097/YCO.0000000000000793>
- The Health Foundation. (2024). Health conditions among working-age people. <https://www.health.org.uk/evidence-hub/work/health-conditions-among-working-age-people>

- Hellström, L., Christensen, T. N., Bojesen, A. B., & Eplöv, L. F. (2023). Predictors of Return to Work for People with Anxiety or Depression Participating in a Randomized Trial Investigating the Effect of a Supported Employment Intervention. *Journal of Occupational Rehabilitation*, 33(1), 61–70. <https://doi.org/10.1007/s10926-022-10046-7>
- Henchoz, Y., De Goumoëns, P., So, A., & Paillex, R. (2010). Functional multidisciplinary rehabilitation versus outpatient physiotherapy for non specific low back pain: Randomized controlled trial. *Swiss Medical Weekly*. <https://doi.org/10.4414/smw.2010.13133>
- Holmes, M. M., Stanescu, S. C., Linaker, C., Price, C., Maguire, N., Fraser, S., Cooper, C., & Walker-Bone, K. (2020). Exploring the views of stakeholders about the feasibility of carrying out a randomised controlled trial of Individual Placement and Support for people unemployed with chronic pain based in primary care (the InSTEP study). *Pilot and Feasibility Studies*, 6(1), 44. <https://doi.org/10.1186/s40814-020-00588-z>
- House of Commons Library. (2025). UK labour market statistics: November 2025 (Research Briefing CBP-9366). <https://commonslibrary.parliament.uk/research-briefings/cbp-9366/>
- Hult M, Pietilä AM, Saaranen T. The Factors Predicting Quality of Life Among Unemployed Adults: A Model Based on Salutogenic Approach. *Soc Indic Res*. 2020 Dec;152(3):1197–211.
- IJzelenberg, W., Oosterhuis, T., Hayden, J. A., Koes, B. W., Van Tulder, M. W., Rubinstein, S. M., & De Zoete, A. (2023). Exercise therapy for treatment of acute non-specific low back pain. *Cochrane Database of Systematic Reviews*, 2023(8). <https://doi.org/10.1002/14651858.CD009365.pub2>
- IWH. (2007). *Seven 'Principles' for Successful Return to Work*. Institute for Work and Health. <https://www.iwh.on.ca/tools-and-guides/seven-principles-for-successful-return-to-work>
- Kalski, L., Völkel, L., Häußler, S., & Wolfarth, B. (2024). Efficacy of occupational rehabilitation in return to work for back pain: A systematic literature review. *Work*, 78(1), 29–43. <https://doi.org/10.3233/WOR-230277>
- Karjalainen, K. A., Malmivaara, A., Van Tulder, M. W., Roine, R., Jauhiainen, M., Hurri, H., & Koes, B. W. (2003). Multidisciplinary biopsychosocial rehabilitation for subacute low-back pain among working age adults. In The Cochrane Collaboration (Ed.), *Cochrane Database of Systematic Reviews* (p. CD002193). John Wiley & Sons, Ltd. <https://doi.org/10.1002/14651858.CD002193>
- Kim, K., & Yoon, H. (2025). Effectiveness of a mobile-based return to work program for decent return to work, fatigue, stress, and quality of working life among cancer survivors. *Journal of Cancer Survivorship*, 19(2), 713–727. <https://doi.org/10.1007/s11764-024-01570-x>

- Koch, P., Pietsch, A., Harling, M., Behl-Schön, S., & Nienhaus, A. (2014). Evaluation of the Back College for nursing staff. *Journal of Occupational Medicine and Toxicology*, 9(1), 32. <https://doi.org/10.1186/s12995-014-0032-7>
- Kusma, B., Pietsch, A., Riepenhof, H., Haß, S., Kuhn, D., Fischer, K., & Nienhaus, A. (2019). The Back College for nurses – an evaluation of intermediate effects. *Journal of Occupational Medicine and Toxicology*, 14(1), 19. <https://doi.org/10.1186/s12995-019-0239-8>
- Le Cam, S., Foltz, V., Fautrel, B., & Bailly, F. (2025). Predictors of return to work after multidisciplinary rehabilitation program for patients with chronic low back pain. *Joint Bone Spine*, 92(3), 105840. <https://doi.org/10.1016/j.jbspin.2024.105840>
- Local Government Association. (2024, December 17). Economic inactivity interdependencies in England. <https://www.local.gov.uk/publications/economic-inactivity-interdependencies-england>
- Long, B.-Z. S., Balakrishnar, K., Drobenko, M., Dolatyar, K., Awada, B., Jodoin, K., McDougall, A., & Nowrouzi-Kia, B. (2024). Effectiveness of Occupational Therapy Mental Health Interventions in a Return-to-Work Context: A Scoping Review. *Occupational Therapy in Mental Health*, 1–19. <https://doi.org/10.1080/0164212X.2024.2448121>
- Mayfield, C. (2025). *Keep Britain Working Review: Final report*. Department for Work and Pensions. <https://www.gov.uk/government/publications/keep-britain-working-review-final-report>
- McLennan, V., Dorsett, P., Bloom, J., Goossen, T., & Porter, F. (2021). Back2Work: A new model of early vocational rehabilitation for people with spinal cord injury. *Australian Health Review*, 46(1), 85–90. <https://doi.org/10.1071/AH21069>
- McPeake, J., Iwashyna, T. J., Boehm, L. M., Hibbert, E., Bakhru, R. N., Bastin, A. J., Butcher, B. W., Eaton, T. L., Harris, W., Hope, A. A., Jackson, J., Johnson, A., Kloos, J. A., Korzick, K. A., Meyer, J., Montgomery-Yates, A., Mikkelsen, M. E., Slack, A., Wade, D., ... Haines, K. J. (2021). Benefits of Peer Support for Intensive Care Unit Survivors: Sharing Experiences, Care Debriefing, and Altruism. *American Journal of Critical Care : An Official Publication, American Association of Critical-Care Nurses*, 30(2), 145–149. <https://doi.org/10.4037/ajcc2021702>
- Nazarov, S., Manuwald, U., Leonardi, M., Silvaggi, F., Foucaud, J., Lamore, K., Guastafierro, E., Scaratti, C., Lindström, J., & Rothe, U. (2019). Chronic Diseases and Employment: Which Interventions Support the Maintenance of Work and Return to Work among Workers with Chronic Illnesses? A Systematic Review. *International Journal of Environmental Research and Public Health*, 16(10), 1864. <https://doi.org/10.3390/ijerph16101864>

- Negrini, A., Corbiere, M., Dube, J., Gragnano, A., Busque, M., & Lebeau, M. (2020). *Quels sont les déterminants du retour au travail durable des travailleurs seniors ayant subi une lésion psychologique ou physique?* (R-1116.). IRSST.
- Newington, L., Ceh, D., Sandford, F., Parsons, V., & Madan, I. (2024). Supporting work participation for adults with hand and upper limb conditions: A survey of the British Association of hand therapists. *Hand Therapy*, 29(2), 75–84.
<https://doi.org/10.1177/17589983241238424>
- Nilsen O, Holm Reiso K. Scarring Effects of Unemployment. Forshcungsinstitut Zur Zuk Arb IZA. 2011 Dec;1–36.
- Nieuwenhuijsen, K., Verbeek, J. H., Neumeyer-Gromen, A., Verhoeven, A. C., Bültmann, U., & Faber, B. (2020). Interventions to improve return to work in depressed people. *Cochrane Database of Systematic Reviews*, 2020(12).
<https://doi.org/10.1002/14651858.CD006237.pub4>
- Noteboom, Y., Montanus, A. W. A., Van Nassau, F., Burchell, G., Anema, J. R., & Huysmans, M. A. (2024). Barriers and facilitators of collaboration during the implementation of vocational rehabilitation interventions: A systematic review. *BMC Psychiatry*, 24(1), 759. <https://doi.org/10.1186/s12888-024-06223-y>
- Office for National Statistics. (2024, June 11). Health, work and prevention: Long-term sickness and economic inactivity, UK labour market in 2024 [Press release].
<https://www.health.org.uk/press-office/press-releases/health-foundation-responds-to-ons-update-on-economic-inactivity-due-0> The Health Foundation
- Office for National Statistics. (2023, July 26). Rising ill-health and economic inactivity because of long-term sickness, UK: 2019 to 2023.
<https://www.ons.gov.uk/employmentandlabourmarket/peoplenotinwork/economicinactivity/articles/risingillhealthandeconomicinactivitybecauseoflongtermsicknessuk/2019to2023>
- Park, A.-L., Rinaldi, M., Brinchmann, B., Killackey, E., Aars, N. A. P., Mykletun, A., & McDaid, D. (2022). Economic analyses of supported employment programmes for people with mental health conditions: A systematic review. *European Psychiatry*, 65(1), e51. <https://doi.org/10.1192/j.eurpsy.2022.2309>
- Probyn, K., Engedahl, M. S., Rajendran, D., Pincus, T., Naeem, K., Mistry, D., Underwood, M., & Froud, R. (2021). The effects of supported employment interventions in populations of people with conditions other than severe mental health: A systematic review. *Primary Health Care Research & Development*, 22, e79.
<https://doi.org/10.1017/S1463423621000827>
- Russo, F., Papalia, G. F., Diaz Balzani, L. A., Stelitano, G., Zampogna, B., Fontana, L., Vadalà, G., Iavicoli, S., Papalia, R., & Denaro, V. (2024). Prognostic factors for return to work in patients affected by chronic low back pain: A systematic review. *MUSCULOSKELETAL SURGERY*, 108(4), 403–415. <https://doi.org/10.1007/s12306-024-00828-y>

- Sanders, T., Wynne-Jones, G., Nio Ong, B., Artus, M., & Foster, N. (2019). Acceptability of a vocational advice service for patients consulting in primary care with musculoskeletal pain: A qualitative exploration of the experiences of general practitioners, vocational advisers and patients. *Scandinavian Journal of Public Health*, 47(1), 78–85. <https://doi.org/10.1177/1403494817723194>
- Saragiotto, B. T., Maher, C. G., Yamato, T. P., Costa, L. O., Menezes Costa, L. C., Ostelo, R. W., & Macedo, L. G. (2016). Motor control exercise for chronic non-specific low-back pain. *Cochrane Database of Systematic Reviews*, 2016(11). <https://doi.org/10.1002/14651858.CD012004>
- Spera, C., Ghertner, R., Nerino, A., & DiTommaso, A. (2015). Out of work? Volunteers Have Higher Odds of Getting Back to Work. *Nonprofit and Voluntary Sector Quarterly*, 44(5), 886–907. <https://doi.org/10.1177/0899764015605928>
- Stea, T. H., Bertelsen, T. B., Fegran, L., Sejersted, E., Kleppang, A. L., & Fyhn, T. (2024). Interventions targeting young people not in employment, education or training (NEET) for increased likelihood of return to school or employment—A systematic review. *PLOS ONE*, 19(6), e0306285. <https://doi.org/10.1371/journal.pone.0306285>
- Tanzi GM. Scars of Youth Non-employment and Labour Market Conditions. *Ital Econ J*. 2023 Jul;9(2):475–99.
- Vanovenberghe, C., Van Den Broeck, A., Bois, M. D., Schryver, M. D., & Lauwerier, E. (2023). A pilot randomized controlled trial on motivational interviewing in return to work after work disability. *Patient Education and Counseling*, 106, 98–106. <https://doi.org/10.1016/j.pec.2022.09.014>
- Vega-Campos, M., Pérez-Pérez, M., & Sarabia-Cobo, C. (2025). Acceptance and Commitment Therapy for Well-Being at Worksites: Charting the Field for Enhancing Its Applicability. *Sage Open*, 15(1), 21582440251320192. <https://doi.org/10.1177/21582440251320192>
- Wieland, L. S., Skoetz, N., Pilkington, K., Vempati, R., D’Adamo, C. R., & Berman, B. M. (2017). Yoga treatment for chronic non-specific low back pain. *Cochrane Database of Systematic Reviews*, 2017(1). <https://doi.org/10.1002/14651858.CD010671.pub2>
- Xu, H., Cai, J., Sawhney, R., Jiang, S., Buys, N., & Sun, J. (2024). The Effectiveness of Cognitive-Behavioral Therapy in Helping People on Sick Leave to Return to Work: A Systematic Review and Meta-analysis. *Journal of Occupational Rehabilitation*, 34(1), 4–36. <https://doi.org/10.1007/s10926-023-10116-4>